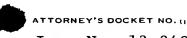
DECLARATION AND POWER OF ATTORNEY



Original Application

ATTORNEY'S DOCKET NO. (IF ANY)				
Inv.	No.	13.	340	

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ny ap ap as as de	at I do not know and do not believe that the sevention thereofor patented or described in an eyear prior to this application, or in public application, that the invention has not been pay plication in any country foreign to the United signs more than twelve months prior to this as been filed by me or my legal representative entified below, that I acknowledge ich is material to the examina	y printed publication in any course or on sale in the United Si ented or made the subject of a States of America on an application and that no application and that no applicates or assigns in any country formy duty to disclose	ountry before tes of Americates of Americation filection for pateries to the information.	e my or our invention the erica more than one year s certificate issued befor d by me or my legal repre ent or inventor's certification	reof, or more that prior to this re the date of this sentatives or ate on this invent
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like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203 '
Peter M. Rankin	Jan Janon	
November 9, 1979	November 9, 1979	DATE

43

IN THE UNITED STATES PATENT OFFICE

GROUP 220 J

In re application of Peter M. Rankin et al

GROUP Examiner:

Inv. No. 13,340

Application Serial No.

Filed: Herewith

For: RADAR TARGET IDENTIFICATION APPARATUS

Honorable Commissioner of Patents and Trademarks

Washington, D.C. 20231

Sir:

PRIOR ART STATEMENT UNDER 37 C.F.R. § 1.97

The applicant(s) wish to make of record the following prior art (with statement(s) of relevancy) which is/are believed to be the most relevant known to applicant(s) and/or the assignee concerning the invention as claimed in the above-identified application:

Prior Art Cited

Statement of Relevancy

(SEE ATTACHED SHEET FOR PRIOR ARTS)

Copies of the above-identified prior art are enclosed herewith with copies of English translations of pertinent portions of any non-English language reference, if such translation was readily available.

The above cited prior art is not necessarily a complete listing of all prior art known to the applicant and/or the assignee. The listing only indicates that prior art which, in the reasonable opinion of the applicant and/or assignee is the most relevant to the claimed invention.

Respectfully submitted,

28 November 1979

Date

WILLIAM STEPANISHEN
Attorney for applicant(s)

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Invention Disclosure No. 13340 List of Prior Disclosure

Prior Art

SRC TP 75-225
Aircraft Identification by
Wideband Imaging (U)
September 1975
Secret Proposal

SRC TN 76-206
Quiet Identification Concept
(QIC) Simulation (U)
September 1976
Confidential

AD C012-078L (RADC TR 77-207)
Aircraft Identification by Wideband Radar Imaging (U)
June 1977
Secret Report

AD C014-390L (RADC TR 78-016) Coherent Wideband Technology for Aircraft Identification (U) April 1978 Secret Report

AD C107-372L (RADC TR 79-012) Coherent Wideband Imaging Technology (U) February 1979 Secret Report

Statement of Relevancy

Proposal to Rome Air Development Center describing identification technique and proposing to design and fabricate model.

Computer Simulation results demonstrating the addition of identification responses to real aircraft radar data.

Technical report detailing first breadboard model of apparatus and describing the results of the first two flight tests. The results described here demonstrated feasibility of the technique in a field environment.

Technical report describing advanced coding methods applicable to the target identification system.

Technical report describing identification systems operation and detailing design of advanced identification system model.